



ACHIEVING AFFORDABLE, RELIABLE, AND EVER-CLEANER ENERGY WITH SUNPOWER

The Challenge

Chevron has been in the energy industry since 1879. Through the years, it has delivered energy needs that contributed in powering the modern society and helped improve the lives of its customers. Today, as the energy demand continues to grow, Chevron has taken up the challenge of utilizing solar energy to support its business operations, proving commitment to its sustainable energy journey¹.

Solar Solution

Rising above the challenge, Chevron entered a 10-year power purchase agreement (PPA) to finance the installation of solar energy systems in its Lost Hills Oil Field in California. With its completion, the 35 MWdc facility is expected to provide around 80% of its energy needs for the production and processing facilities and offices, reducing the intensity of Chevron's carbon footprint. Chevron will also qualify for environmental credits under the state of California's Low Carbon Fuel Standard (LCFS) program².

PROJECT OVERVIEW



Ground Mount Single Axis Tracker Installation Type



35 MWdc
Total System Size
(largest solar electric system under California's Net Energy Metering program)¹



Lost Hills, California
Location



2020
Date of Completion

ENVIRONMENTAL BENEFITS



Expected to generate more than **1.4 billion kWh** of solar energy over a 20-year period¹



Expected to generate **19,800 metric tons of LCFS credits** based on estimated amount of field power displaced with solar electricity on an annual basis³

¹<https://www.chevron.com/stories/powering-the-world-forward-with-california-sunshine>

²<https://newsroom.sunpower.com/2019-10-29-SunPower-Building-New-35-Megawatt-DC-Solar-Project-to-Supply-Renewable-Energy-to-Chevrons-Lost-Hills-Oil-Field>

³https://ww2.arb.ca.gov/sites/default/files/classic/fuels/lcfs/crude-oil/innovative-crude/2020-0605_chevron-solarstar-staffsummary.pdf